

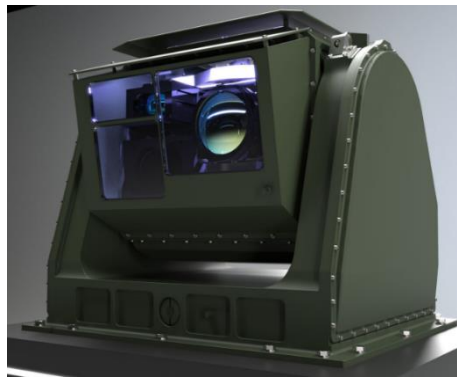
► *ELECTRONIC SOLUTIONS*

NEW AT DSEI 2025

9 September 2025

Rheinmetall SEOSS 400 – Stabilised Sensor System for the next generation of heavy combat vehicles

At the DSEI 2025 trade fair, Rheinmetall will unveil its new SEOSS 400 fire control sensor, the latest development in its stabilised sensor family. SEOSS 400 was developed for the next generation of combat vehicles in the land domain. Now entering the final stages of development, the SEOSS 400 is engineered to deliver superior performance in duel combat scenarios, offering exceptional range, precision, and stabilization quality – making it a perfect match for Rheinmetall’s new 130mm main gun and advanced air defence systems.



As the successor to the proven fire control sensor in the Leopard 2, the SEOSS 400 combines a proven product philosophy with significantly enhanced capabilities and complete digital integration. The system enables automated fire control for fast and precise target engagement, AI-supported target identification for improved threat detection, and seamless network connectivity, compatible with future system architectures such as the Main Ground Combat System (MGCS) and the Main Armoured Tank of Europe (MARTE).

The SEOSS 400’s key features are:

- 3-axis stabilization for highly accurate targeting
- Identification range of up to 6 km with high-resolution optics
- Designed for manned and unmanned platform integration
- Multi-mode tracking and modular sensor expansion options
- Enhanced ballistic algorithms and extended fire control computing, including Beyond Line-of-Sight (B-LoS) capabilities

Designed for maximum robustness and reliability, the SEOSS 400 maintains precise stabilisation even under extreme, vibration-intensive conditions – from underwater travel to dusty and muddy environments. It offers the user maximum performance in all phases of operation and the potential for complete automation of the fire control chain.

With its state-of-the-art sensor system, modular construction and future-proof design, the SEOSS 400 sets a new standard for battle tanks and air defence platforms – ready for the challenges of tomorrow's battlefields.

► Key facts

- Rheinmetall presents new SEOSS 400 fire control sensor
- Developed for next-generation combat vehicles
- Automated fire control for fast and precise target engagement
- Visit us at DSEI 2025 – Stand S9-110

► Contact

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